

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09911

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B65B9/02 B65B61/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 841 712 A (ROOU RICHARD J) 27 June 1989 (1989-06-27) column 2, line 50 -column 4, line 32; figures ---	1-7
Y	DE 18 95 537 U (E. NOACK) 25 June 1964 (1964-06-25) page 2, line 15 -page 3, line 17; figures ---	1-7
Y	DE 198 00 682 A (LOHMANN THERAPIE SYST LTS) 15 July 1999 (1999-07-15) cited in the application column 7, line 14 - line 47; figure 2 ---	4
Y	DE 18 76 961 U (E. NOACK) 1 August 1963 (1963-08-01) page 3, line 1 -page 4, line 18; figures ---	7
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 January 2004

Date of mailing of the international search report

26/01/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Jagusiak, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09911

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 744 341 A (SANYO MACHINE WORKS ;SUMITOMO CHEMICAL CO (JP)) 27 November 1996 (1996-11-27) ---	
A	FR 1 384 181 A (DRESDEN ARZNEIMITTEL) 4 January 1965 (1965-01-04) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/09911

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4841712	A	27-06-1989	CA	1337478 C	31-10-1995
DE 1895537	U		NONE		
DE 19800682	A	15-07-1999	DE AT AU AU CA CZ DE DE DK WO EP ES HK HU JP NO NZ PL PT SK TR TW US ZA	19800682 A1 226547 T 736498 B2 2277999 A 2317491 A1 20002422 A3 29823463 U1 59903158 D1 1045799 T3 9935051 A1 1045799 A1 2188126 T3 1030917 A1 0101308 A2 2002500140 T 20003528 A 505340 A 341811 A1 1045799 T 10222000 A3 200001897 T2 385293 B 6655112 B1 9900129-A	15-07-1999 15-11-2002 26-07-2001 26-07-1999 15-07-1999 12-12-2001 22-07-1999 28-11-2002 24-02-2003 15-07-1999 25-10-2000 16-06-2003 09-05-2003 28-08-2001 08-01-2002 25-08-2000 26-04-2002 07-05-2001 31-03-2003 09-10-2000 21-12-2000 21-03-2000 02-12-2003 23-10-2000
DE 1876961	U		NONE		
EP 0744341	A	27-11-1996	CA DE DE EP JP US	2177113 A1 69619724 D1 69619724 T2 0744341 A1 9099907 A 5740661 A	24-11-1996 18-04-2002 21-11-2002 27-11-1996 15-04-1997 21-04-1998
FR 1384181	A	04-01-1965	IT	712838 A	